

KIRANA K.V

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PROFILE SUMMARY

- Six Plus years of experience in SPM, Automation, semiconductor machines design and development assignments.
 - Performing cost estimation and proposing concept models and hands on experience in Assembly SPM Automation & Robotic Automation, Design and development of display manufacturing machines under Vacuum technology.
 - Exposure in using Design and Drafting soft tools, Proficiency in modeling soft ware's like Pro E Creo-4.0 with PDM Link, Solid works, Auto Cad, SAP, ERP.
 - Coordinating with the design and other related departments to meet customer's requirement.
 - Selection of drive motors, LM rail LM block for same,
 - Design of fixtures and other accessories, machine structure conveyors control system for same.
 - Design and Working knowledge in Pneumatics, Robotics and Hydraulics, Vacuum.
 - Have a knowledge of Mechanical fundamentals, design concept, Calculation, GD&T, ASME, ISO standards.
 - Well versed with project planning, reviews, Project documentation and Customer Interaction.
 - Versatile team player with good communication and problem solving skills.
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Educational Qualification:

Bachelor of Engineering in **Mechanical** branch completed in University B D T College of engineering, Davangere, June 2010 with aggregate of 74.10%.

Diploma College Completed Diploma in Mechanical Engineering, in Smt LV Govt Polytechnic, Hassan in 2007 with an aggregate of 63.59%

Corporate Associations:

Organization: Accrete Hight tech solutions pvt ltd. (Applied Materials India pvt ltd.)

Designation: Senior Design Engineer from July 2017 to till date

Role and Responsibilities in Applied materials India pvt ltd:

- Presently working in Applied materials India pvt ltd. as senior design engineer which is one of the Semiconductor and display technology leader in world.
- Design and development of display manufacturing machines under vacuum technology, incudes welding structures, machine elements, standard parts need to select and validate with HOD for final implementation.
- Machine assembly and sub assembly design, drawing, BOM creations validation.
- SAP interface with cero for BOM material creation.
- ECN and ECR handling to solve field problems and providing solutions to assembly team.

Organization: EFD Induction pvt ltd.

Designation: Team leader design and development. From September 2011 to February 2017.

Role and Responsibilities in EFD Induction pvt ltd:

- Design development of Induction hardening, Brazing, Annealing & Tempering machines which provides high quality and cost-effective products.
- SPM Induction Hardening machine, Material handling equipment's like machine structure conveyors control system for same Preparation of concept design, Design calculation & Validate same with the HOD and customer.
- selection of materials and OEMs which are required for the machine.
- Preparation of full machine design and reviews with HOD.
- Detailed checking of parts, Assembly Drawings & BOM before release to manufacturing.
- Follow-up of materials and assembly during assembly

Major Projects Handled in EFD.

1. Development of SPM Induction Tempering machine - EFD Induction Germany.
2. SPM Induction annealing machine - Ordnance Factory Varangaon.
3. SPM Induction Brazing machine - Sandvik Asia Pune.
4. Honda siel power products ltd, Rudrapur and Greaves Cotton Ltd.
5. Hyundai Wia Chennai. TVS motor company ltd, Venumac.

General Roles & Responsibilities

- Understanding the equipment requirements and specifications, preparing & monitoring the Input check lists (process & product requirements) from the end user / technical sales – marketing team.
- Developing the optimized concepts, process as per customer requirements.
- Selection of major elements and preparing Design Approval Process (DAP) documents, getting its approval from customers/end users.
- Selection of Standard Parts, Preparing BOMs and checking the design calculations.
- Detailed checking of parts, Assembly Drawings & BOM before release to manufacturing.
- Follow-up of materials and assembly during assembly
- Ensuring the quality of machines to meet customer's requirements.

PERSONAL DETAILS

Date of birth : 10 June 1988
Marital Status : Married.
Passport No : M1231675

Present Address
N0 103, Krishna's Domicile's, OLD KEB road,
3rd main, 2nd cross, Balaji layout.
Bangalore 560094.

Declaration

I hereby declare that the above-mentioned information is true to the best of my knowledge.

Place: Bangalore.

Date:

Kirana K.V